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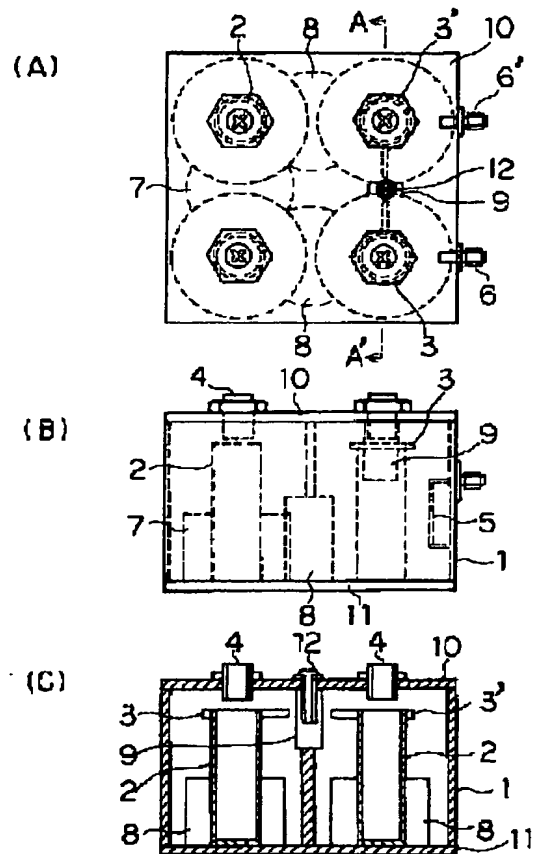
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APPLICANT : KOKUSAI ELECTRIC CO LTD;

INVENTOR : YONENAGA KANICHI;

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TITLE : POLARIZED BAND PASS FILTER



ABSTRACT : PURPOSE: To easily adjust an attenuating pole by providing an adjust screw between metallic rings which are inserted from the upside between input terminal and output terminal resonators and faced each other inside a coupling window, and changing the length of the adjust screw to be inserted.

CONSTITUTION: An adjust screw 12 is inserted from an upper panel 10 the central part of a coupling window 9 for polarization by being screwed, and provided between the protruded parts of rings 3 and 3' for jump coupling adjustment so as to be freely vertically moved, and the fine adjustment of coupling capacity for polarization is made possible by controlling the inserted length of the adjust screw 12 in the state of closing the upper panel 10. Namely, jump capacity coupling can be changed by changing induced coupling. The induced coupling is increased by inserting the metallic adjust screw 12 to the coupling window 9. When the inserted length is further increased, the capacity coupling is decreased, and the position of the attenuating pole gets away from a passing band. Thus, since the fine adjustment is performed to the position of the attenuating pole by the adjust screw 12, the attenuation characteristic of the band pass filter can be easily adjusted.

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